## Tracker schedule & milestones

the present schedule (and its milestones list) comes from a deep analysis and re-evaluation of the Tracker



the definition of a new TK lay-out



we evaluation of new production schemas for the sub-detectors and for items that are common to the sub-detectors (like electronics)



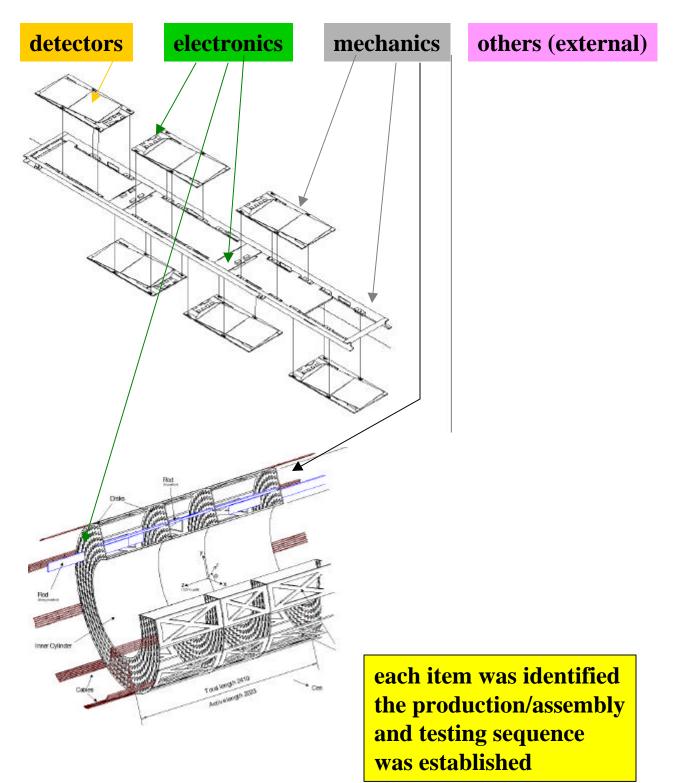
new conception in the assembly of detector-modules



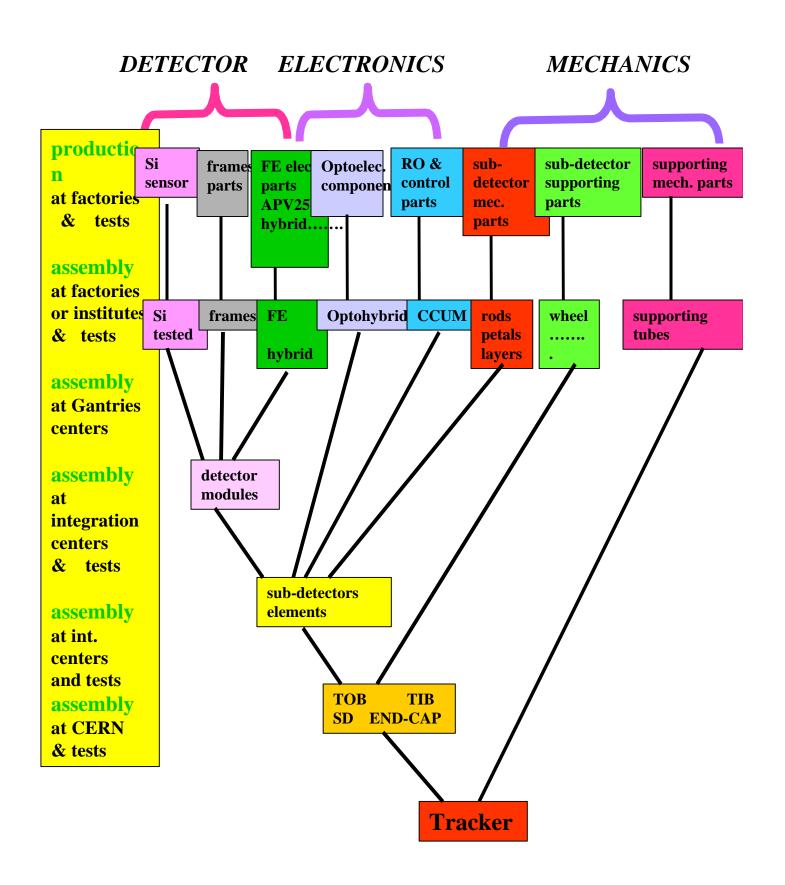
new way of assembly the different sub-detectors into the TK

..... all this is seasoned with a new scheme of sharing of responsibility

## for producing the schedule we started from the identification of major categories of items



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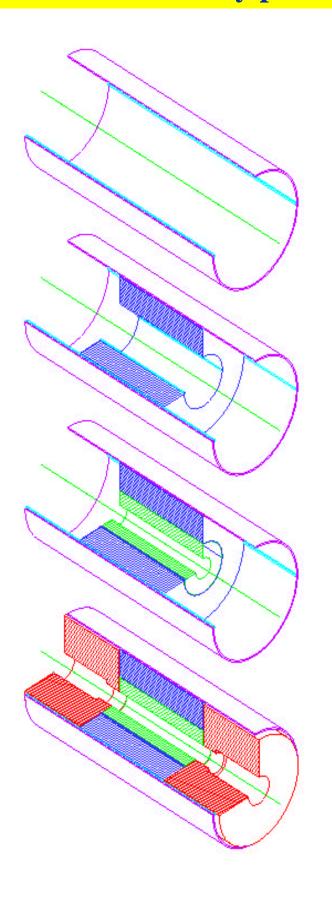


while producing the schedule we realized that: we could gain in installation time and saefty by changing the TK assembly procedure (...... the production of some parts was anticipated by 2 years.....)

More time can be devoted to testing procedure!!!



## Tracker assembly procedure at the surface



**Supporting Tube Thermal Screen sliding rails** 

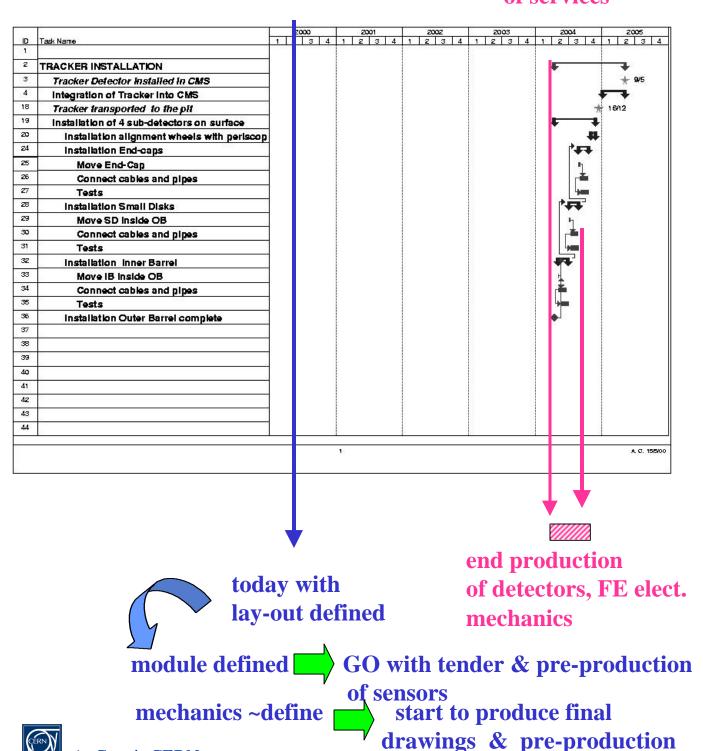
The Outer Barrel is assembled in the ST

The Inner Barrel & the Small Disk are inserted in the OB

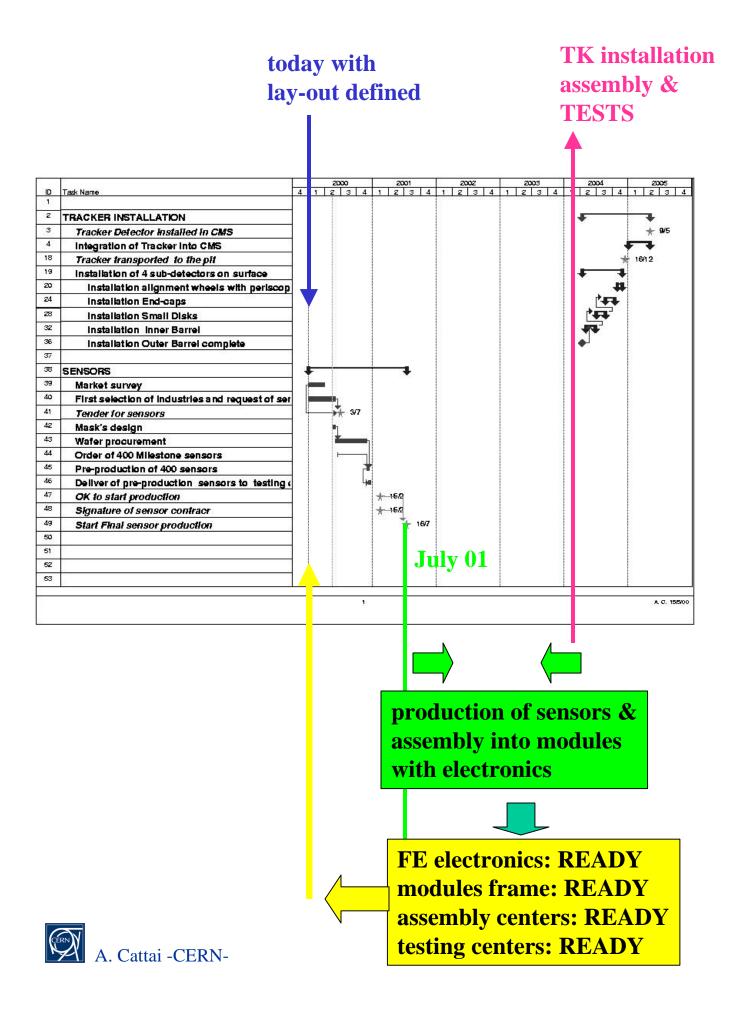
The End-Cap are inserted in the ST

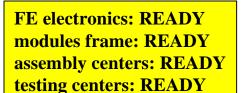
1 year

TK installation assembly TESTS & commissioning of services

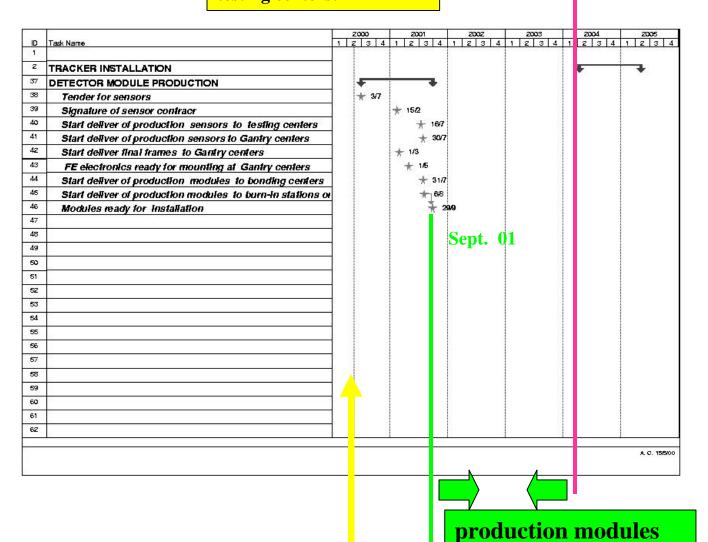


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rods: READY

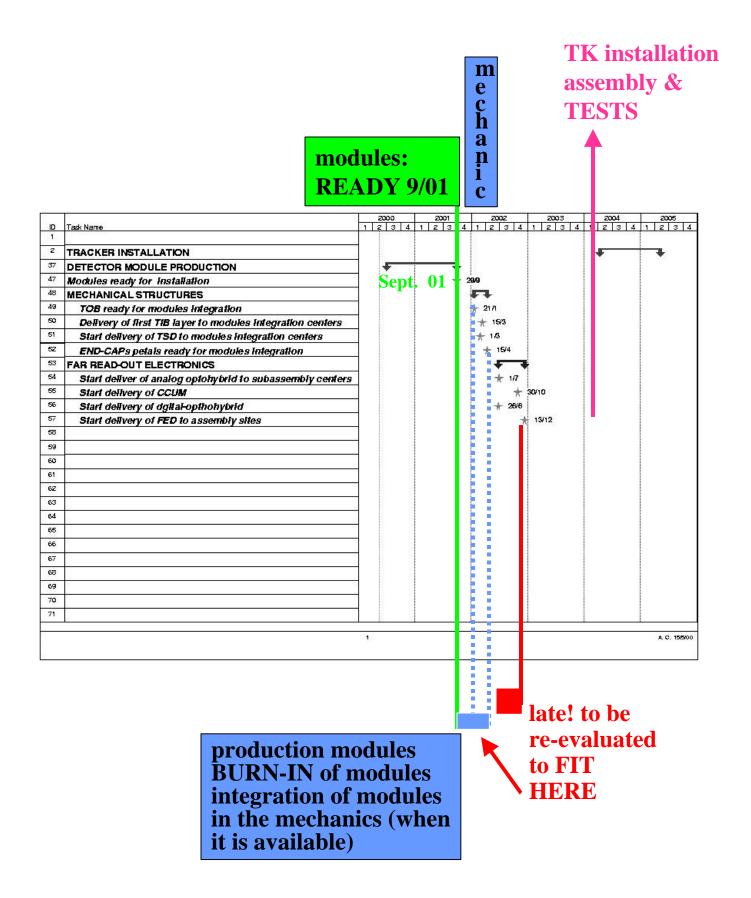
in the mechanics

integration of modules

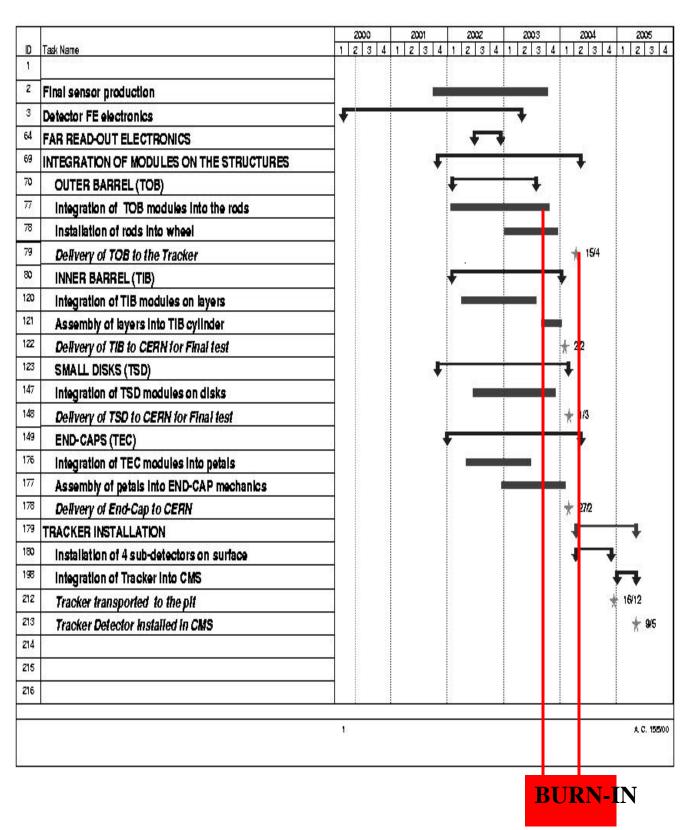
petals: READY IB layers: READY

**Opto-electonic: READY** 



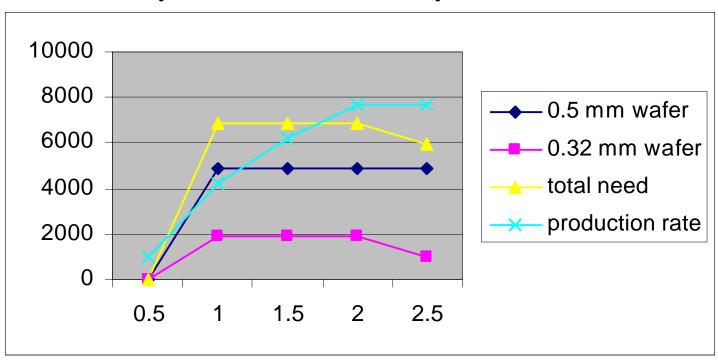








with an offset of 0.5 y between the production of sensors and the integration of the modules into the mechanics with can handle the delivery rate foreseen in the survey



## conclusions

This schedule has been produced in 3 months.

We think we have a reasonable understanding of the timing of the whole project

Some items have to be investigated and improved (like the Opto-hybrid and DCU)

We will tackle these weak point in the following weeks